## WHAT IS CLAIMED IS:

- A bioelectrical impedance measuring apparatus comprising:
  - a housing;

rod-like electrode members each having a plurality of electrodes and being included in the upper part of said housing;

- a display device having the capability of an operator panel and lying between said electrode members; and
- a weighing device included in the lower part of said housing,

wherein said housing accommodates:

- a current supplying device for supplying current to said electrodes;
- a voltage measuring device for measuring voltage at said electrodes; and
- an arithmetic means for calculating a bioelectrical impedance value from the supplied current value and the measured voltage values.
- 2. A bioelectrical impedance measuring apparatus according to Claim 1, wherein said electrode members are located at both side edges of said housing.

- 3. A bioelectrical impedance measuring apparatus according to Claim 1, wherein said electrode members have a circular shape.
- 4. A bioelectrical impedance measuring apparatus according to Claim 1, wherein said electrode members are shaped like horizontal rods.